A B S T R A C T

TRANSCODING BETWEEN INDICES OF MULTIPULSE DICTIONARIES
USED IN COMPRESSIVE CODING OF DIGITAL SIGNALS

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The invention relates to compressive transcoding between pulse coders using multipulse dictionaries in which each pulse occupies a position marked by an index. For each current pulse position supplied by a first

10 coder, a neighborhood (V_g^e, V_d^e) is formed around that position. As a function of the pulse positions accepted by the second coder, pulse positions are selected in an ensemble constituted by a union of the neighborhoods. The second coder finally receives this selection (s_j),

15 involving a number of pulse positions smaller than the total number of pulse positions in the dictionary of the second coder.